

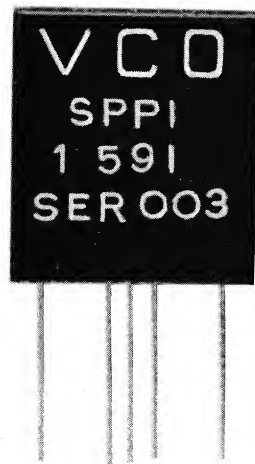
Simmonds Precision Products Inc.

Voltage Controlled Oscillator

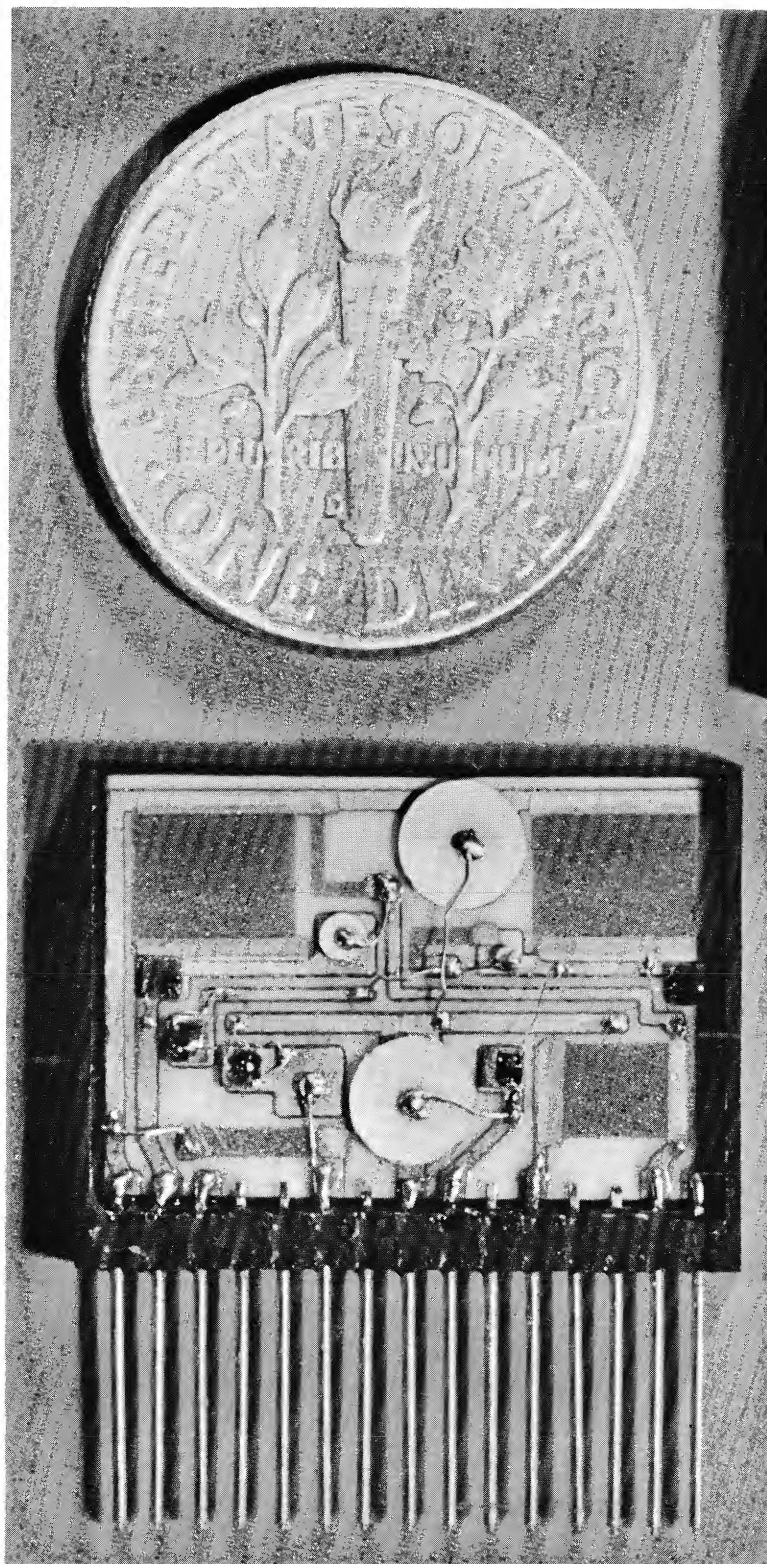
INTEGRATED VHF VCO

(Patent Applied For)

Frequency Range:	100 to 200 MC
Power Output:	-10 DBM minimum
Tuning Sensitivity:	3 MC/volt average
Power Input:	18 volts, 3.5 ma.
Size:	.8 × .2 × .6 inches (less than .1 cubic inch)



- . Temperature compensation available.
- . Ideal for sweep generators and phase-locked systems.
- . Other tuning ranges up to two octaves available on request.
- . Typical delivery on non-standard frequency range: 60 days ARO.
- . Matching integrated broadband amplifiers available on request.
10DB/integrated package available up to 450 MC.



TYPICAL CONSTRUCTION TECHNIQUE USED FOR A
COMPLETE ADVANCED VCO PACKAGE



Simmonds Precision Products Inc.

TARRYTOWN · NEW YORK · 10592

DESIGNERS AND MANUFACTURERS OF SPECIALIZED PRECISION EQUIPMENT

CABLE SIMPREPRO

PHONE MEDFORD 1-7500

April 2, 1965

T. H. Nelson
Systems Const.
Box 1546
Poughkeepsie, New York

Dear Sir:

Simmonds Precision Products, Inc. wishes to thank you for your inquiry expressing interest in our 1500 series Voltage Controlled Oscillators as released in a current publication.

These VCO's are designed to cover octave tuning ranges from 40 MC to 600 MC. They are ideally suited for use in sweep generators, phase-locked loop systems and frequency synthesizers. It is recommended that they be used with our broad-band amplifier which will provide gain and isolation.

The enclosed technical data sheet describes the operational parameters of a typical VCO. Other frequency ranges and prices available on request.

Yours truly,

SIMMONDS PRECISION PRODUCTS, INC.

Bernard G. Beck

B. G. Beck, Acting Sales Manager
Communication Systems

BGB/mcl
Encs.

ASSOCIATED COMPANIES THROUGHOUT THE WORLD